FIG. 1

FIG. 2

22

20

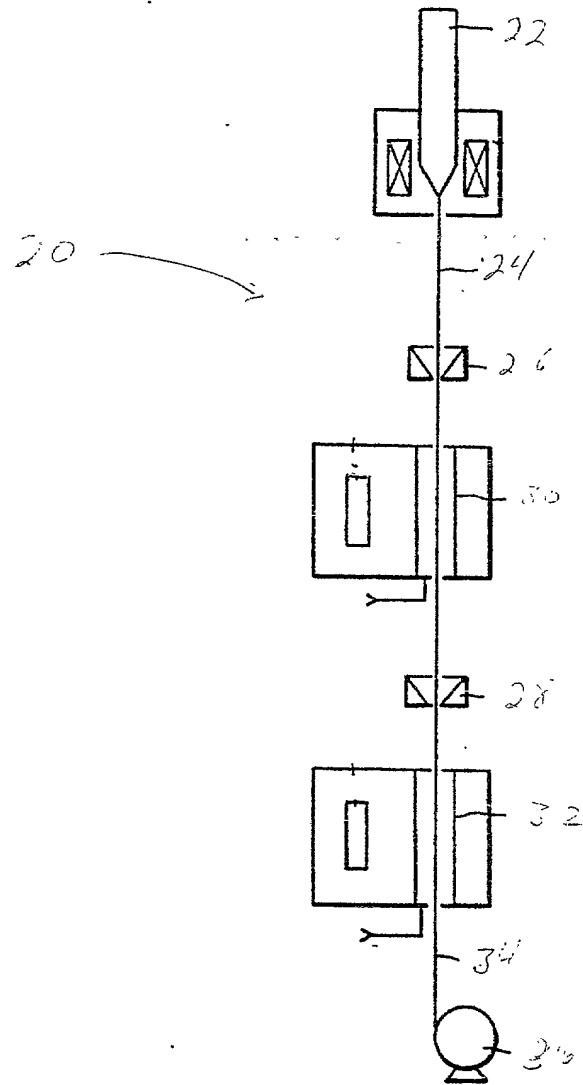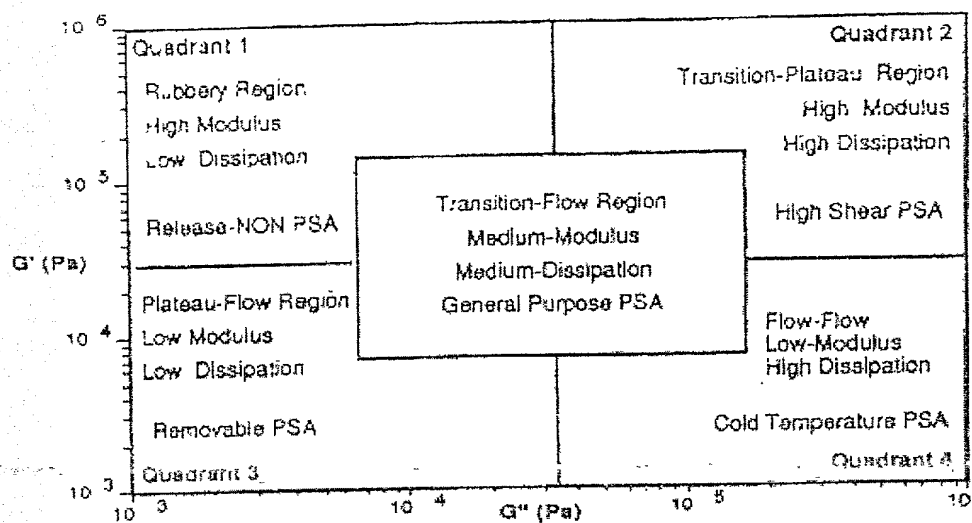24

26

30

28

32

34

36

FIG. 3 Viscoelastic windows as related to different regions of their rheological master curves

G' and G'' represent dynamic storage and dynamic loss moduli, respectively

FIG. 4   Chang Viscoelastic Windows

Log G' (Pa)

6

5

4

3

Test coating 5
Test coating 3
Control
Test coating 8
Test coating 9
Test coating 7

Film tensile, dynamic test mode
Frequency sweep @ room temp.
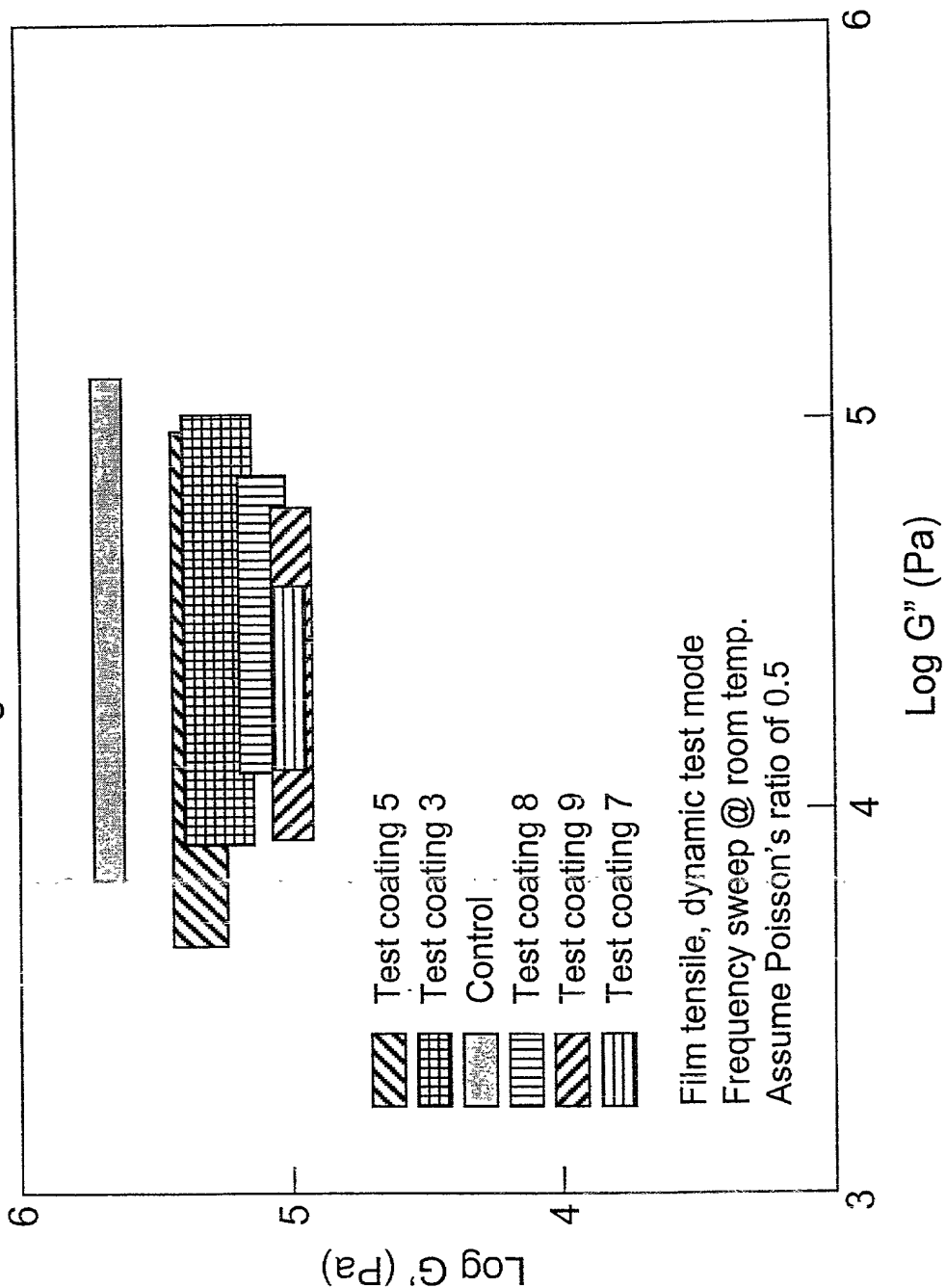Assume Poisson's ratio of 0.5

4   5   6

Log G" (Pa)

FIG. 5

Chang Viscoelasticity Windows